## **Blue Wave**

We are the **Wave** of change. Go **Blue** with us!



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#### Description of our Team:

Name of group: Blue Wave Region and Centre: Pamplemousses Youth Centre Trainer: Mehreen Rughony Co-trainer: Dineshwar Dulthummun

#### Members of Blue Wave:

Team Leader: Jummun Mohammad Hassan Ouddin Secretary: Hurry Vahesh Co-Secretary: Jummun Mohammad Ikhlaas IT Support: Haulkhory Mohammad Haashim Farhaan

# C Problem Statement

In the past 20 years the amount of aquatic animals seems to be reducing in our lagoon. The problem is the substantial amount of pollution on our beaches which later on is washed away from our shores to the sea directly affecting our marine ecosystem. Fortunately, with covid crisis, people were not allowed to go the beach resulting in the level of pollution to be at a standstill. Nevertheless, the issue still remains alarming.

### **Data Collection**

#### 1.What's your age group?





Figure.1 shows that 88.9% of the respondent are around 20-40 and 11.1% is less that 20. so we have meet our target respondent that is the youngsters.

#### 2. Are you aware of sea pollution ?



#### 3. I know how ocean pollution can affect marine life.



4. Which of these forms of marine pollution have you come across?



44.4%

Figure 4 shows that 44.4% of the respondents come across oil spills as marine pollution and 40.7% come across dumping and littering as ocean pollution. Also 14.8% had come across waste and debris from rivers.

### Innovativeness and impact of the project

- The sea bin has been design to be placed in a debris problem area.
- It can catch any waste on the surface of the sea.
- Easily and efficient to use.
- The litter catch can be separated into recyclable and non-recyclable waste.
- The sea bin is made with eco-friendly materials.

#### Impact of the project:

- Reduce the quantity of waste in the lagoon.
- More plastic can be recycle.
- A cleaner and pleasant sea.

### 5W 1H

What? -Pollution affects our marine environment causing harm to our aquatic animals.

**Who?** -The local population is likely to be affected as waste are released in the sea by boats, industrial activities and dumping by sewers.

Where? -Near the harbour at Port-Louis.

**When?** -During waste dumping, oils spills from boats and debris ditch into the sea after yearly heavy rain.

Why? -To promote our marine ecosystem and coast with a pollution free environment for restoration of our marine resources without causing harm to our aquatic habitats.

**How?** -By separating the waste & other debris out of the water into a catch-bag using a seabin, then pushing the cleaned water with the help of a water pump.









## Objective Tree

### Log Frame

	PROJECT SUMMARY	INDICATORS	MEANS OF VERIFICATION	<b>RISKS/ASSUMPTION</b>
GOAL	Reduce the pollution in the sea	The percentage of solid and liquid waste has decrease after the implementation of the sea bin.	The percentage of pollution has decrease.	-A clear water and a better coral reefs.
OUTCOME	A better marine ecosystem	A great increase in vertebrates in the sea.	Compare the number of animals in the sea.	-
OUTPUTS	The amount of solid and liquid waste on the sea is reduced.	A more clear and living marine life	Make some survey to know exactly if they are responsible and also their point of views that can add to the project to make it better.	More ideas to implement in the project.
ACTIVITIES	Implement the sea bin at different location	Have sufficient sea bin to implement.	Calculate the percentage waste been collected.	-No solid waste visible in the surface of the sea.

### **Transition from Seabin to pamphlet**

- > No sponsorship for our project Seabin.
- > No reply from contacted stakeholders.
- $\succ$  Seabin needs the hands of many stakeholders.
- > The amount for the materials of the Seabin is a substantial one.
- > Seabin requires more time to test and implement.
- Pamphlet is less costly compare to Seabin.
- Sensitization campaign has help to reach large audience.
  Less time is consume in the creation of pamphlet.
- More information has been shared using pamphlet.
- > We have been able to express our views in an artistic way.
- > This is an marketing pamphlet that help us to raise awareness.
- > When more people are aware then the project can easily implement.





### **PROJECT IMPLEMENTATION**









- Tuesday 28 September 2021 at Caudan to implement the project.
- We choose Port Louis because the port and Caudan is the best place as we can see waste at the surface of the sea due to a lot of human activity nearby.
- Our main goal during the implementation was to sensitize the general public and to make them aware that our lagoon was pollution.
- We has targeted people from different ages group from the youngest to eldest.

### **Stakeholders**

#### **Contact Sponsors:**

#### ✤ <u>Resiglas Co Ltd</u>

We have contacted Resiglas as they can made the main body of the sea with an eco friendly materials that no pollute the sea.

#### ✤ <u>Atics Ltd</u>

We will dealing with waste, so we have contacted Atics Ltd as they can recycle the plastic that will be collected and also the other waste.

#### ✤ Taylor Smith Group

We have contacted Taylor Smith Group as they have Duraco and Aqualia that can provide the necessary materials to build the sea bin.

### Mauritius Research and Innovation Council(MRIC) We have contacted MRIC because the MPA has recommended us.

## Difficulties/challenges/issues encounter and addressed during implementation

- A lot of ideas at the beginning but too much time was taken to decide whether to take all ideas or to select most appropriate that can be easily implemented in the project.
  - Communication problem.
    - Availability of members.
    - Problem with suppliers.
  - Enable to meet physically due to COVID.
  - Limited number of company to sponsor us.
    - Delay to obtain cost of materials.

### Solution to address those Challenges

- A few meeting has being held to order to solve the problem of communication and to decide
  - clearly which ideas to implemented
  - More deep we go in the project, the more members show interest for it.

### Thank you for your attention